

**Appendix table 5-53**  
**Citations of foreign literature by country and region**

Citing country/region	Year	Total citations (Number)	Foreign citations (Number)	Share of foreign citations by cited region/country								
				United States	North America	Western Europe	Eastern Europe	Asia	Pacific	Latin America	Sub-Saharan Africa	Near-East
World.....	1990	2,098,582	1,120,903	na	na	na	na	na	na	na	na	na
World.....	1994	2,519,136	1,442,998	na	na	na	na	na	na	na	na	na
World.....	1999	2,749,015	1,671,901	na	na	na	na	na	na	na	na	na
United States .....	1990	936,603	277,684	na	na	63.0%	2.3%	13.9%	5.4%	1.2%	0.8%	2.6%
United States .....	1994	1,050,820	333,280	na	na	63.4%	2.6%	15.0%	4.2%	1.3%	0.6%	2.3%
United States .....	1999	1,008,357	353,797	na	na	63.7%	2.4%	15.4%	4.4%	1.6%	0.5%	2.2%
North America .....	1990	1,036,541	277,502	na	na	70.8%	2.5%	15.4%	6.2%	1.3%	0.9%	2.9%
North America .....	1994	1,170,067	336,653	na	na	71.0%	2.9%	16.5%	4.9%	1.4%	0.7%	2.5%
North America .....	1999	1,122,484	360,098	na	na	70.8%	2.6%	16.9%	5.0%	1.8%	0.5%	2.4%
Western Europe .....	1990	702,409	351,491	74.7%	80.9%	na	2.4%	9.8%	3.8%	0.8%	0.6%	1.6%
Western Europe .....	1994	897,606	453,971	73.5%	79.8%	na	2.8%	11.0%	3.3%	1.0%	0.6%	1.5%
Western Europe .....	1999	1,036,360	507,888	70.1%	76.5%	na	3.2%	12.7%	3.9%	1.4%	0.6%	1.7%
Eastern Europe .....	1990	75,349	51,254	43.9%	47.8%	37.7%	na	10.2%	1.9%	0.7%	0.3%	1.3%
Eastern Europe .....	1994	75,705	53,327	41.0%	44.9%	40.6%	na	10.5%	1.6%	0.9%	0.3%	1.2%
Eastern Europe .....	1999	87,453	63,964	36.0%	39.6%	44.6%	na	11.0%	2.0%	1.2%	0.2%	1.4%
Asia .....	1990	178,525	112,185	57.7%	61.7%	32.2%	1.7%	na	2.3%	0.7%	0.4%	1.1%
Asia .....	1994	248,148	157,587	56.4%	60.5%	33.5%	1.9%	na	2.0%	0.7%	0.3%	1.1%
Asia .....	1999	337,959	216,813	51.8%	56.0%	36.8%	2.2%	na	2.4%	1.0%	0.3%	1.3%
Pacific .....	1990	52,650	38,176	51.2%	56.8%	34.8%	0.8%	5.4%	na	0.5%	0.7%	1.0%
Pacific .....	1994	62,649	47,438	49.2%	54.8%	34.8%	1.1%	6.9%	na	0.7%	0.7%	1.0%
Pacific .....	1999	75,818	58,075	46.4%	51.8%	37.1%	1.1%	7.5%	na	1.0%	0.5%	1.0%
Latin America .....	1990	19,386	15,360	50.2%	54.8%	31.6%	1.9%	6.7%	2.7%	na	0.9%	1.4%
Latin America .....	1994	25,345	20,358	47.3%	51.8%	34.1%	2.3%	7.2%	2.5%	na	0.8%	1.3%
Latin America .....	1999	44,732	35,564	41.2%	45.4%	38.2%	2.6%	9.1%	2.8%	na	0.6%	1.4%
Sub-Saharan Africa.....	1990	9,514	6,831	43.7%	48.5%	35.4%	0.9%	6.8%	5.1%	1.5%	na	1.7%
Sub-Saharan Africa.....	1994	10,999	8,331	40.6%	45.3%	37.2%	2.1%	7.7%	4.1%	1.8%	na	1.8%
Sub-Saharan Africa.....	1999	10,286	7,985	36.6%	40.7%	40.8%	1.6%	8.9%	4.5%	2.1%	na	1.5%
Near East & North Africa .....	1990	24,210	19,002	56.0%	59.8%	29.2%	1.2%	6.3%	2.3%	0.7%	0.6%	na
Near East & North Africa .....	1994	28,618	23,262	52.0%	55.9%	31.6%	2.3%	7.0%	1.8%	0.7%	0.7%	na
Near East & North Africa .....	1999	33,926	27,513	44.6%	48.6%	35.9%	2.4%	9.3%	2.2%	1.3%	0.4%	na

na = not applicable

NOTES: Citations are on the basis of a three-year window with a two-year lag; for example, 1999 citations consist of papers published in 1999 citing articles published in 1995-97. Citations and articles are those that are classified in the 1985 ISI journal set.

SOURCE: Institute for Scientific Information, Science Citation and Social Citation Indexes; CHI Research, Inc., Science Indicators database; and National Science Foundation, Division of Science Resources Statistics (NSF/SRS).